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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit 2127
Examiner Kenneth Tang

In Re: Andrew E. Kalman
Case: P4300
Serial No.: 09/492,242
Filed: January 27, 2000
Subject: A Multi-Tasking Real-Time Operating System for Microprocessors
with Limited Memory

To the Commissioner of Patents and Trademarks
Washington, D.C. 20231

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AUG 29 2003

Technology Center 2100

Dear Sir,

Response B

In the claims:

All of the claims standing for examination in the above-referenced case are reproduced below. Claim 1 is currently amended.

1. A real-time operating system (RTOS) for use with minimal-memory controllers comprising:

- a kernel for managing task execution, including context switching; and
- a plurality of defined tasks as code sets, individual ones of the tasks having subroutines callable in nested levels for accomplishing tasks;

characterized in that the kernel constrains context switching to occur only